

Title (en)

SYSTEMS AND PROCESSES FOR PREPARING BEVERAGES WITH ENHANCED DETECTION OF ACTUATION STATES

Title (de)

SYSTEME UND VERFAHREN ZUM ZUBEREITEN VON GETRÄNKEN MIT ERHÖHTER DETEKTION VON BETÄTIGUNGSZUSTÄNDEN

Title (fr)

SYSTÈMES ET PROCÉDÉS DE PRÉPARATION DE BOISSONS AVEC DÉTECTION AMÉLIORÉE D'ÉTATS D'ACTIONNEMENT

Publication

EP 4052621 A1 20220907 (EN)

Application

EP 20811126 A 20201028

Priority

- PT 11587319 A 20191031
- PT 2020050037 W 20201028

Abstract (en)

The present invention discloses systems and processes for preparing beverages, in particular espresso coffee and similar aromatic beverages, comprising at least one type of drinking recipient (1), for example of glass type, cup or similar, and an apparatus (10) comprising a beverage discharge disposition (2) operatively associated with a beverage preparation device (3) adapted so that can be driven by a motorized actuation device (4) and collect an individual portion (7) of beverage ingredients, whereby said apparatus (10) comprises control means (9) configured so that can process data of several operative parameters of said apparatus (10), including data relating to the entry of the individual (7) portion in said beverage preparation device (3) and data relating to the position of said actuation device (4), and being further configured so that can determine actuations of said actuation device (4) and display of progress indications and of operation errors based upon said data of operative parameters.

IPC 8 full level

A47J 31/52 (2006.01)

CPC (source: EP US)

A47J 31/4425 (2013.01 - US); **A47J 31/468** (2018.08 - US); **A47J 31/525** (2018.08 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 4052621 A1 20220907; CA 3155471 A1 20210506; CN 114667090 A 20220624; US 2024108164 A1 20240404;
WO 2021086215 A1 20210506

DOCDB simple family (application)

EP 20811126 A 20201028; CA 3155471 A 20201028; CN 202080074915 A 20201028; PT 2020050037 W 20201028;
US 202017769112 A 20201028